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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/838,399	04/19/2001	Steven Schneider		3389

7590 11/05/2004  
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EXAMINER

NANO, SARGON N

ART UNIT PAPER NUMBER

2157

DATE MAILED: 11/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/838,399	<b>Applicant(s)</b> SCHNEIDER, STEVEN	
	<b>Examiner</b> Sargon N Nano	<b>Art Unit</b> 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1 - 20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-12, 18-20 is/are rejected.
- 7) ☒ Claim(s) 5 and 13-17 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

1. This action is responsive to application filed on April 19, 2001. Claims 1 – 20 pending examination.

### *Specification*

2. **Content of Specification**

- (a) Title of the Invention: See 37 CFR 1.72(a) and MPEP § 606. The title of the invention should be placed at the top of the first page of the specification unless the title is provided in an application data sheet. The title of the invention should be brief but technically accurate and descriptive, preferably from two to seven words may not contain more than 500 characters.
- (b) Cross-References to Related Applications: See 37 CFR 1.78 and MPEP § 201.11.
- (c) Statement Regarding Federally Sponsored Research and Development: See MPEP § 310.
- (d) Incorporation-By-Reference Of Material Submitted On a Compact Disc: The specification is required to include an incorporation-by-reference of electronic documents that are to become part of the permanent United States Patent and Trademark Office records in the file of a patent application. See 37 CFR 1.52(e) and MPEP § 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text were permitted as electronic documents on compact discs beginning on September 8, 2000.  
  
Or alternatively, Reference to a "Microfiche Appendix": See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.
- (e) Background of the Invention: See MPEP § 608.01(c). The specification should set forth the Background of the Invention in two parts:

- (1) Field of the Invention: A statement of the field of art to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions of the subject matter of the claimed invention. This item may also be titled "Technical Field."
  - (2) Description of the Related Art including information disclosed under 37 CFR 1.97 and 37 CFR 1.98: A description of the related art known to the applicant and including, if applicable, references to specific related art and problems involved in the prior art which are solved by the applicant's invention. This item may also be titled "Background Art."
- (f) Brief Summary of the Invention: See MPEP § 608.01(d). A brief summary or general statement of the invention as set forth in 37 CFR 1.73. The summary is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.
- (g) Brief Description of the Several Views of the Drawing(s): See MPEP § 608.01(f). A reference to and brief description of the drawing(s) as set forth in 37 CFR 1.74.
- (h) Detailed Description of the Invention: See MPEP § 608.01(g). A description of the preferred embodiment(s) of the invention as required in 37 CFR 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily available publication which adequately describes the subject matter.

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- (i) Claim or Claims: See 37 CFR 1.75 and MPEP § 608.01(m). The claim or claims must commence on separate sheet or electronic page (37 CFR 1.52(b)(3)). Where a claim sets forth a plurality of elements or steps, each element or step of the claim should be separated by a line indentation. There may be plural indentations to further segregate subcombinations or related steps. See 37 CFR 1.75 and MPEP § 608.01(i)-(p).
  - (j) Abstract of the Disclosure: See MPEP § 608.01(f). A brief narrative of the disclosure as a whole in a single paragraph of 150 words or less commencing on a separate sheet following the claims. In an international application which has entered the national stage (37 CFR 1.491(b)), the applicant need not submit an abstract commencing on a separate sheet if an abstract was published with the international application under PCT Article 21. The abstract that appears on the cover page of the pamphlet published by the International Bureau (IB) of the World Intellectual Property Organization (WIPO) is the abstract that will be used by the USPTO. See MPEP § 1893.03(e).
  - (k) Sequence Listing, See 37 CFR 1.821-1.825 and MPEP §§ 2421-2431. The requirement for a sequence listing applies to all sequences disclosed in a given application, whether the sequences are claimed or not. See MPEP § 2421.02.
- 1) Cross referenced Application should be stated on the 1<sup>st</sup> page of the disclosure.
  - 2) Abstract is objected to because presented abstract does not provide a brief narrative of the disclosure.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

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only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 – 4, 6 – 12 and 18 – 20 rejected under 35 U.S.C. 102(e) as being anticipated by Durst, Jr. et al (referred to hereafter as Durst).

As to claim 1, Durst teaches a method for requesting a resource from an identifier having a character image comprising the steps of:

generating a first uniform resource identifier (URI) from the character image, wherein said first URI can locate the resource (see col.5, lines 1 – 8 and figs. 3,5,and 6. durst discloses the generation of URL suitable for processing and obtaining content file); and,

requesting the resource from said first URI (see col.6 lines 20 – 22, Durst discloses the request of resource from a client computer).

As to claim 2, Durst teaches a method, as set forth in claim 1, wherein the character image includes at least one character image element and said step of generating said first URI includes the steps of detecting said character image elements, corresponding at least one URI component to each said character image element, and generating a second URI from said first URI components (see col.8 lines 28 – 57).

As to claim 3, Durst teaches a method as set forth in claim 2, wherein said character image elements include one of a first base image identifier and a second

character modifier identifier (see col.8 lines 28 – 57 Durst discloses a logo, a linkage bar code and identification code).

As to claim 4, Durst teaches a method as set forth in claim 1, wherein the character image is attached to the second identifier (see col.10 lines 50 – 65, Durst discloses the changes in the IP address of the information).

As to claim 6, Durst teaches a method as set forth in claim 3, wherein said character modifiers are machine-readable code (see col. 3, lines 25 – 27 durst discloses a machine – readable code).

As to claim 7, Durst teaches a method as set forth in claim 6, further including the step of generating a said first or multiple URI's from the modified character image (see col.8, lines 45- 55).

As to claim 8, Durst teaches a method, as set forth in claim 7, wherein said step of generating said URI's includes the step of updating a name tracking database with one of a first URI, and or multiple URI's (see col. 12 lines 15 – 18, Durst discloses updated registration server).

As to claim 9, Durst teaches a method, as set forth in claim 8, wherein said step of generating said second URI from machine readable code includes the step of determining whether said step of generating said URI is authorized (see col. 12 lines 18 – 23 Durst discloses a user identification element).

As to claim 10, Durst teaches a method, as set forth in claim 9, wherein said step of determining whether said step of generating said second URI is authorized includes the step of comparing the second identifier to one of a template, GO LIST, authorization table, name translation table, and registry (see col.16 lines 13 – 26 Durst discloses the record elements are compared to the template received to determine destination of the URL).

As to claim 11, Durst teaches a method, as set forth in claim 10, further including the step of determining whether to register for authorization in response to determining said step of generating said URI's (see.col.16 lines 30 – 36, Durst discloses specific files and parameters need to be acquired from registration server before routing is enabled)

As to claim 12, Durst teaches a method as set forth in claim 1, wherein the identifier is one of a domain name, multilingual domain name, emoticon, phone number, keyword, search term, RealName, Netword, Internet keyword, AOL keyword, Publisher Item Identifier (PII), Digital Object Identifier (DOI), Inter Deposit Digital Number (IDDN), International Standard Book Number (ISBN), International Standard Technical Report Number (ISRN), International Standard Serial Number (ISSN), Serial Item and Contribution Identifier (SICI), Book Item and Component Identifier (BICI), European Article Number (EAN), Universal Product Code (UPC), Standard Address Number (SAN), International Standard Audiovisual Number (ISAN), International Standard Work Code (ISWC), International Standard Music Number (ISMN), International Standard Recording Code (ISRC), Intellectual Property Identification (IPI), Uniform File Identifier



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(UFI), Uniform Resource Identifier (URI), Persistent Uniform Resource Locator (PURL), Universally Unique Identifier (UUID), Globally Unique Identifier (GUID), Namespace Identifier (NID), Bank Identification Number (BIN), Personal Identification Number (PIN), Mod 10 Number, credit card number, Electronic Serial Number (ESN), Mobile Identification Number (MIN), Automatic Number Identification (ANI), Social Security Number (SSN), Employer Identification Number (EIN), Taxpayer Identification Number (TIN), Vehicle Identification Number (VIN), World manufacturer identifier (WMI), Manufacturer Identification Number (MIN), Market Identifier Code (MIC), Standard Industrial Classification (SIC), Standard Occupational Classification (SOC), Stock Keeping Unit number (SKU), International Business Entity Identifier (IBEI), Institution Identification Code (IIC), National Provider Identifier (NPI), Dunn and Bradstreet Number (DUNS), SEC file number, patent number, trademark number, serial number, charter number, policy number, certification number, document identifier, reference number, invoice number, transaction identifier, validation code, account number, merchant code, reseller code, affiliate code, authorization code, network identifier, user identifier, PGP key, digital certificate, driver license number, license plate number, trademark, servicemark, tradename, fictitious name, company name, DBA, AKA, product number, stock symbol, station identifier, broadcast station call letters, ham radio call letters, broadcast frequency number, stamp, street name, street address, ZIP code, IP address, host, e-mail address, ICQ number, nickname, screen name, username, alias, handle, document title, book title, song title, movie title, phrase, slogan, machine readable code, thought pattern, glyph, image, icon, animation, sequence of musical

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notes, date, time, name, abbreviation, mnemonic, moniker, label, alphanumeric, string, character, symbol, video, base character modifier code, facial feature code, DNA code, finger prints, blood, milk, token, integer, directions to a location, directions for using a product, and number (see col. 7 line 51- col. 8 line 11, Durst discloses the identifier code is a data string).

As to claim 18, Durst teaches a method as set forth in claim 1, wherein the resource may be located from one of a local file system and network file system (see col. 8 lines 5 – 11, Durst discloses the file location pointer comprises a network address).

As to claim 19, Durst teaches an apparatus for requesting a resource from an identifier having a character image comprising:

- a processor (see col.7 lines 19 – 29);

- a memory in operative association with said processor (see col. 7 lines 29 – 33);

- means for retrieving content from a computer network (see col.7, lines 44 – 47);

- means for generating a URI from the character image, wherein said URI can locate the resource (see col.5 lines 1 – 8 and figs. 3,5,and 6); and

- means for requesting the resource from said URI (see col.6, lines 20 – 22).

As to claim 20, Durst teaches a computer program product for requesting a resource from an identifier having a character image comprising the steps of:

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means for retrieving content from a computer network (see col.7, lines 44 – 47);

means for generating a URI from the character image, wherein said URI can locate the resource (see col.5 lines 1 – 8 and figs. 3,5,and 6); and

means for requesting the resource from said URI (see col.6, lines 20 – 22).

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Image Transfer Protocol In Progressively Increasing Resolution by Percival et al, U.S. Patent No. 5,991,816.

#### ***Allowable Subject Matter***

5. Claims 5, 13, 14,15,16,17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.


#### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N Nano whose telephone number is (703) 305-4651. The examiner can normally be reached on Monday - Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (703) 308- 7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sargon Nano  
Patent Examiner  
Art Unit 2157  
Oct. 20, 2004



SALEH NAJJAR  
PRIMARY EXAMINER